

CLAIM AMENDMENTS

Please amend claims 1 and 3-38 as follows:

1. (Previously Amended) A print-on-demand method for creating and reproducing at least one of a plurality of books by heterogeneous systems, said method comprising the steps of:

a) obtaining and generating digital book files representing at least one book of a plurality of books in a Common Normal Format (CNF), wherein the CNF comprises at least one portable document format (PDF), job definition format (JDF), scalable vector graphics (SVG) format, and similar solution-independent format encased within an Extensible Markup Language (XML) framework;

b) fashioning said book files to reflect attributes imposed by said JDF;

c) storing said digital book files within a repository;

d) generating said at least one book from said book files utilizing hardware and software to shape said framework in order to accommodate solution-independence said book file formatting, directly, without conversion from an equipment dependent format through a bookbinding process as prescribed by a just-in-time production schema;

e) reproducing said book within said just-in-time schema or as-needed basis, eliminating inventory overhead;

f) editing said book through imposition of pages and insertion of advertising of the at least one CNF book within the XML framework, wherein said editing being viewable on a viewing device and facilitated by having an editing instruction set encoded in JDF within said XML framework;

g) said editing instruction set accessible throughout an XML prepress pipeline shaped by said XML framework;

2. (Cancelled)

3. (Previously Amended) The method in Claim 1, wherein said at least one book is originally in the form of a hard copy, and further comprises the steps of:

scanning the components of said at least one book; and converting scanned components of said book into said digital representation.

4. (Previously Amended) The method in Claim 1, wherein said at least one book identification information within JDF comprises a book title.

5. (Previously Amended) The method in Claim 1, wherein said at least one book identification information within JDF comprises the book author.

6. (Previously Amended) The method in Claim 1, wherein said at least one book identification information within JDF comprises the book publisher.

7. (Previously Amended) The method in Claim 1, wherein said at least one book identification information within JDF comprises the International Standard Book Number.

8. (Previously Amended) The method in Claim 1, wherein said at least one book identification information within JDF comprises the at least one book publishing date.

9. (Previously Amended) The method in Claim 1, further comprises the step of:
acquiring or generating hard copy book production information from JDF.

10. (Previously Amended) The method in Claim 9, wherein said at least one book production information within JDF comprises printing information.

11. (Previously Amended) The method in Claim 9, wherein said at least one book production information within JDF comprises binding information.

12. (Previously Amended) The method in Claim 1 further comprises the step of:
via a Raster Image Processor within the XML framework, creating a bitmap of a book block.
13. (Previously Amended) The method in Claim 1 further comprises the step of:
via a Raster Image Processor within the XML framework, creating a bitmap of a book cover.
14. (Previously Amended) The method in claim 13, further comprises the step of:
acquiring or generating hard copy book production information via JDF.
15. (Previously Amended) The method in Claim 1, wherein the method of claim 1 further discloses, said book production information within JDF comprises security information.
16. (Previously Amended) The method in Claim 1, wherein the method of claim 1 further discloses said at least one book, said book production information within JDF comprises viewing capabilities.
17. (Previously Amended) The method in Claim 1, wherein the method of claim 1 further discloses said at least one book, said book production information within JDF comprises printing capabilities.
18. (Previously Amended) The method in Claim 1, wherein the method of claim 1 further discloses the step of:
providing access to said at least one book via an electronic link to a data network.
19. (Previously Amended) The method in Claim 1, wherein the method of claim 1 further discloses, the step of:
delivering said at least one book to a predefined destination.

20. (Currently Amended) A print-on-demand system for creating and reproducing at least one of a plurality of books by heterogeneous reproduction workflows, said system comprising:

- at least one of a scanner, memory and data network for obtaining book contents for a book targeted for reproduction;

- a book file generator to generate a digital book file to distribute a digital representation of said at least one book, transmittable in the form of a Common Normal Format (CNF), wherein said CNF comprises of at least one of a portable document format (PDF), job definition format (JDF), scalable vector graphics (SVG) format, and similar solution-independent formats within an Extensible Markup Language (XML) framework, wherein all printing and viewing of said at least one book file is accomplished directly from said XML framework free from restraints of equipment-dependent formatting; [[:]]

- a book file memory of said at least one book file of said at least one book within a repository ~~adapted~~ to store a CNF file representing said at least one book targeted for reproduction; and

- reproduction hardware and software that can reproduce a solution-independent book file of said at least one book, from said book file generator, directly, without any said book file format conversion as prescribed by an efficient just-in-time production schema.

21. (Previously Amended) The system in Claim 20, wherein the digital representation of said book is formed in at least one of the PDF, SVG, and JDF format within the XML framework, wherein said at least one solution-independent book file can be edited with content disposition and advertising within the XML framework irrespective of the project completion level.

22. (Previously Amended) The system in Claim 20, wherein said at least one book is originally in the form of a hard copy, and said book file generator further comprises: a book scanner to scan the components of said at least one book; and a scanned component converter to convert scanned components of said book into said digital representation.

23. (Previously Amended) The system in Claim 21, wherein said at least one book identification information comprises the book title.

24. (Previously Amended) The system in Claim 21, wherein said at least one book identification information comprises the book author.

25. (Previously Amended) The system in Claim 21, wherein said at least one book identification information comprises the book publisher.

26. (Previously Amended) The system in Claim 21, wherein said at least one book identification information comprises the International Standard Book Number.

27. (Previously Amended) The system in Claim 21, wherein said at least one book identification information comprises the book publishing date.

28. (Previously Amended) The system in claim 20, wherein said solution-independent XML framework comprises:

- a book production information generator to generate hardcopy book production information.

29. (Previously Amended) The system in Claim 28, wherein said at least one book production information comprises printing equipment information.

30. (Previously Amended) The system in Claim 28, wherein said at least one book production information comprises binding equipment information.

31. (Previously Amended) The system in Claim 21, wherein within said XML framework comprises: a Processor adapted to create a bitmap of the at least one book.

equipment specific format converter comprises:

- a Raster Image Processor to create a bitmap of the at least one book.

32. (Previously Amended) The system in Claim 20, further comprising:
a Raster Image Processor to create a bitmap of a book cover.

33. (Previously Amended) The system in claim 20, wherein linked to said solution-independent XML framework comprises:

a book production information generator to generate hardcopy book production information.

34. (Previously Amended) The system in Claim 28, wherein for said at least one book file, said book production information within JDF comprises security information.

35. (Previously Amended) The system in Claim 28, wherein for said at least one book file, said book production information within JDF comprises viewing capabilities.

36. (Previously Amended) The system in Claim 20, wherein for said at least one book file, said book production information within JDF comprises printing capabilities.

37. (Previously Amended) The system in Claim 20 wherein said reproduction workflows:

an electronic link to provide access to said at least one book.

38. (Previously Amended) The system in Claim 20 wherein said reproduction workflows:

an electronic link to deliver said at least one book via an XML pipeline using CNF files to a predefined destination over a data network.

REMARKS